

ELN polyclonal antibody

Catalog # PAB13514 Size 100 uL

Specification

Product Description	Guinea pig polyclonal antibody raised against native ELN.
Immunogen	Native purified ELN from human skin.
Host	Guinea pig
Reactivity	Human
Specificity	This antibody reacts with human elastin 100%, cross-reactivity in RIA at 1:500 dilution: human collagen type I, II, III, IV, V <0.1 %; human fibronectin <0.1%.
Form	Lyophilized
Recommend Usage	ELISA (>1:200) Immunohistochemistry (1:500-1000) Immunofluorescence (1:80) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from phosphate buffered solution
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with distilled water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

Gene Info — ELN

Entrez GeneID	2006
Gene Name	ELN
Gene Alias	FLJ38671, FLJ43523, SVAS, WBS, WS
Gene Description	elastin
Omim ID	123700 130160 185500
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is one of the two components of elastic fibers. The encoded protein is rich in hydrophobic amino acids such as glycine and proline, which form mobile hydrophobic regions bounded by crosslinks between lysine residues. Deletions and mutations in this gene are associated with supravalvular aortic stenosis (SVAS) and autosomal dominant cutis laxa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000196667 tropoelastin

Publication Reference

- [Wound healing of human skin transplanted onto the nude mouse. II. An immunohistological and ultrastructural study of the epidermal basement membrane zone reconstruction and connective tissue reorganization.](#)

Demarchez M, Hartmann DJ, Herbage D, Ville G, Prunieras M.

Developmental Biology 1987 May; 121(1):119.

Application: IF, IHC-Fr, Human, Mouse, Human skin, Mouse skin

- [Ultrastructural immunolocalization of elastic fibers in rat blood vessels using the protein A-gold technique.](#)

Lethias C, Hartmann DJ, Masmejean M, Ravazzola M, Sabbagh I, Ville G, Herbage D, Eloy R.

The Journal of Histochemistry and Cytochemistry 1989 Jan; 35(1):15.

Application: IEM, IHC, RIA, Human, Rat, Human dermis, Rat aorta, Recombinant proteins

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- [Aortic Aneurysm](#)

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